

DOCKET: CU-4631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Keiji KASHIMA et al.

TITLE: RETARDATION LAYER AND LIQUID CRYSTAL DISPLAY APPARATUS
USING THE SAME

AMENDED ABSTRACT

~~The present invention provides a~~ A retardation layer capable of effectively restraining the display quality deterioration without generating a bright and dark pattern in the display image even when a retardation layer is disposed in between a liquid crystal cell and a polarizing plate. The retardation layer ~~comprises~~ includes a plurality of minute units (domains) having molecular structure of cholesteric structure. Moreover, in the retardation layer, the helical pitch of the molecular structure is adjusted such that the selective reflected wavelength of the selected reflected light deriving from the molecular structure is shorter than the wavelength of the incident light on the retardation layer.